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APPLICATION

FOR UNITED STATES LETTERS PATENT

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SPECIFICATION

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT WE, **KATHLEEN F. KOHNLE**, a citizen of UNITED STATES OF AMERICA, and **MICHAEL E. BOUCHES**, a citizen of UNITED STATES OF AMERICA, have invented a new and useful **REAR VIEW MIRROR SUN VISOR ATTACHMENT** of which the following is a specification:

REAR VIEW MIRROR SUN VISOR ATTACHMENT

5

BACKGROUND OF THE INVENTION

Field of the Invention

10 The present invention relates to sun visor attachments and
more particularly pertains to a new rear view mirror sun visor
attachment for attaching to a windshield mounted rear view mirror
of a vehicle to block sunlight shining through between the driver's
15 side sun visor and the passenger's side sun visor.

Description of the Prior Art

20 The use of sun visor attachments is known in the prior art.
More specifically, sun visor attachments heretofore devised and
utilized are known to consist basically of familiar, expected and
obvious structural configurations, notwithstanding the myriad of
designs encompassed by the crowded prior art which have been
developed for the fulfillment of countless objectives and
25 requirements.

Known prior art includes U. S. Patent No. 3,957,357 by Kulikowski; U.S. Patent No. 3,494,689 by McGlinchy; U.S. Patent No. 2,163,495 by Levy; U.S. Patent No. 5,678,880 by Keller; U.S.

Patent No. 5,042,867 by Crotty, III et al.; and U.S. Patent No. Des. 390,529 by Adams et al.

While these devices fulfill their respective, particular
5 objectives and requirements, the aforementioned patents do not
disclose a new rear view mirror sun visor attachment. The
inventive device includes a panel having a pair of faces, a pair of
opposite end edges, a pair of side edges extending between the end
edges. The panel has a slot therethrough between the faces of the
10 panel which extends from a first of the side edges of the panel
towards a second of the side edges of the panel. The side portions
of the slot each have a flap extending therefrom. The flaps are
coupled together to couple the connect the side portions of the slot
15 together.

15 In these respects, the rear view mirror sun visor attachment
according to the present invention substantially departs from the
conventional concepts and designs of the prior art, and in so doing
provides an apparatus primarily developed for the purpose of
20 attaching to a windshield mounted rear view mirror of a vehicle to
block sunlight shining through between the driver's side sun visor
and the passenger's side sun visor.

SUMMARY OF THE INVENTION

25 In view of the foregoing disadvantages inherent in the known
types of sun visor attachments now present in the prior art, the
present invention provides a new rear view mirror sun visor
attachment construction wherein the same can be utilized for
30 attaching to a windshield mounted rear view mirror of a vehicle to

block sunlight shining through between the driver's side sun visor and the passenger's side sun visor.

The general purpose of the present invention, which will be described subsequently in greater detail, is to provide a new rear view mirror sun visor attachment apparatus and method which has many of the advantages of the sun visor attachments mentioned heretofore and many novel features that result in a new rear view mirror sun visor attachment which is not anticipated, rendered obvious, suggested, or even implied by any of the prior art sun visor attachments, either alone or in any combination thereof.

To attain this, the present invention generally comprises a panel having a pair of faces, a pair of opposite end edges, a pair of side edges extending between the end edges. The panel has a slot therethrough between the faces of the panel which extends from a first of the side edges of the panel towards a second of the side edges of the panel. The side portions of the slot each have a flap extending therefrom. The flaps are coupled together to couple the 20 connect the side portions of the slot together.

There has thus been outlined, rather broadly, the more important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the invention that will be described hereinafter and which will form the subject matter of the claims appended hereto.

In this respect, before explaining at least one embodiment of the invention in detail, it is to be understood that the invention is

not limited in its application to the details of construction and to
the arrangements of the components set forth in the following
description or illustrated in the drawings. The invention is capable
of other embodiments and of being practiced and carried out in
5 various ways. Also, it is to be understood that the phraseology and
terminology employed herein are for the purpose of description and
should not be regarded as limiting.

As such, those skilled in the art will appreciate that the
10 conception, upon which this disclosure is based, may readily be
utilized as a basis for the designing of other structures, methods
and systems for carrying out the several purposes of the present
invention. It is important, therefore, that the claims be regarded as
including such equivalent constructions insofar as they do not
15 depart from the spirit and scope of the present invention.

Further, the purpose of the foregoing abstract is to enable the
U.S. Patent and Trademark Office and the public generally, and
especially the scientists, engineers and practitioners in the art who
20 are not familiar with patent or legal terms or phraseology, to
determine quickly from a cursory inspection the nature and essence
of the technical disclosure of the application. The abstract is
neither intended to define the invention of the application, which is
measured by the claims, nor is it intended to be limiting as to the
25 scope of the invention in any way.

It is therefore an object of the present invention to provide a
new rear view mirror sun visor attachment apparatus and method
which has many of the advantages of the sun visor attachments
30 mentioned heretofore and many novel features that result in a new
rear view mirror sun visor attachment which is not anticipated,

rendered obvious, suggested, or even implied by any of the prior art sun visor attachments, either alone or in any combination thereof.

It is another object of the present invention to provide a new
5 rear view mirror sun visor attachment which may be easily and
efficiently manufactured and marketed.

It is a further object of the present invention to provide a new
rear view mirror sun visor attachment which is of a durable and
10 reliable construction.

An even further object of the present invention is to provide a
new rear view mirror sun visor attachment which is susceptible of a
low cost of manufacture with regard to both materials and labor,
15 and which accordingly is then susceptible of low prices of sale to
the consuming public, thereby making such rear view mirror sun
visor attachment economically available to the buying public.

Still yet another object of the present invention is to provide
20 a new rear view mirror sun visor attachment which provides in the
apparatuses and methods of the prior art some of the advantages
thereof, while simultaneously overcoming some of the
disadvantages normally associated therewith.

25 Still another object of the present invention is to provide a
new rear view mirror sun visor attachment for attaching to a
windshield mounted rear view mirror of a vehicle to block sunlight
shining through between the driver's side sun visor and the
passenger's side sun visor.

30 Yet another object of the present invention is to provide a
new rear view mirror sun visor attachment which includes a panel

having a pair of faces, a pair of opposite end edges, a pair of side edges extending between the end edges. The panel has a slot therethrough between the faces of the panel which extends from a first of the side edges of the panel towards a second of the side 5 edges of the panel. The side portions of the slot each have a flap extending therefrom. The flaps are coupled together to couple the connect the side portions of the slot together.

Still yet another object of the present invention is to provide 10 a new rear view mirror sun visor attachment that helps prevent impairment of the driver's vision sunlight while driving for safer driving.

Even still another object of the present invention is to 15 provide a new rear view mirror sun visor attachment that is quickly attachable to the rear view mirror and still permits a user to use the rear view mirror.

These together with other objects of the invention, along with 20 the various features of novelty which characterize the invention, are pointed out with particularity in the claims annexed to and forming a part of this disclosure. For a better understanding of the invention, its operating advantages and the specific objects attained by its uses, reference should be made to the accompanying drawings 25 and descriptive matter in which there are illustrated preferred embodiments of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

30 The invention will be better understood and objects other than those set forth above will become apparent when consideration is

given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

5 Figure 1 is a schematic perspective view of a new rear view mirror sun visor attachment in use on the rear view mirror of a vehicle according to the present invention.

10 Figure 2 is a schematic cross sectional view of the present invention taken from the line 2-2 of Figure 1.

15 Figure 3 is a schematic plan view of the present invention with the flaps overlapping each other.

20 Figure 4 is a schematic plan view of the present invention with one of the flaps folded back to reveal the complementary portions of the hook and loop fastener which attaches the flaps together.

DESCRIPTION OF THE PREFERRED EMBODIMENT

25 With reference now to the drawings, and in particular to Figures 1 through 4 thereof, a new rear view mirror sun visor attachment embodying the principles and concepts of the present invention will be described.

30 As best illustrated in Figures 1 through 4, the rear view mirror sun visor attachment generally comprises a panel having a pair of faces, a pair of opposite end edges, a pair of side edges extending between the end edges. The panel has a slot therethrough between the faces of the panel which extends from a first of the side edges of the panel towards a second of the side edges of the panel. The side portions of the slot each have a flap extending

therefrom. The flaps are coupled together to couple the connect the side portions of the slot together.

In closer detail, the sun visor attachment comprises a

5 generally oblong panel 10 having has generally flat first and second faces 11,12, a pair of opposite end edges 13,14, a pair of side edges 15,16 extending between the end edges and a plurality of corners. The end edges of the panel are preferably extended generally parallel to one another and the side edges of the panel are

10 preferably extended generally parallel to one another and generally perpendicular to the end edges of the panel. Preferably, the corners of the panel are rounded to prevent the corners of the panel from easily catching on adjacent surfaces in the vehicle. Ideally, the panel comprises a resiliently deformable foamed material inner core

15 17 enclosed in a cloth fabric material outer cover 18.

The panel has a thickness defined between the faces of the panel, a length defined between the end edges of the panel and a width defined between the side edges of the panel. Preferably, the

20 length of the panel is greater than the width of the panel and the width of the panel is greater than the thickness of the panel. In an ideal illustrative embodiment, the length of the panel is about 14 inches, the width of the panel is about 10 inches, and the thickness of the panel is about $\frac{1}{4}$ inch.

25 The panel has a slot 19 therethrough between the faces of the panel and extending from a first of the side edges of the panel towards a second of the side edges of the panel. The slot of the panel is preferably extended generally parallel to the end edges of

30 the panel and generally perpendicular to the side edges of the

panel. Additionally, the slot is preferably positioned on the panel at a midline of the panel positioned generally equidistantly between end edges of the panel.

5 The slot has a generally U-shaped periphery comprising a spaced apart pair of generally straight side portions and an arcuate end portion 20 connecting the side portions of the slot together. The slot has a length defined from the first side edge of the panel to the end portion of the slot. Preferably, the length of the slot is
10 about one-half the width of the panel.

2 The side portions of the slot each have a flap 21,22 extending therefrom. The flaps overlap one another and are coupled together to connect the side portions of the slot together. Preferably, a hook
15 and loop fastener couples the flaps together. Ideally, the hook and loop fastener comprises a pair of complementary portions 23,24 detachably attachable to each other. Each of the complementary portions is preferably provided on a generally rectangular strip. As best illustrated in Figure 4, a first of the complementary portions is
20 provided on a first of the flaps and a second of the complementary portions is provided on a second of the flaps. The first complementary portion is positioned on a first of the faces of the panel and the second complementary portion is positioned on a second of the faces of the panel. The flaps each have a length
25 defined between the first side edge of the panel
at

26
27 Ideally, the lengths of the flaps *is* ^{are} about equal to each other,
as the lengths of *each* the flaps *each* is less than length of the slot. This
28 way, the flaps are spaced apart from the end portion of the slot to

define a generally oblong or oval extension space 25 of the slot therebetween.

In use, the sun visor attachment is designed for installing in a
5 vehicle 26 having a front windshield, a driver's side sun visor 27,
a passenger's side sun visor 28 and a rear view mirror 29 mounted
to the front windshield and interposed between the driver's side
and passenger's side sun visors.

10 The rear view mirror has a generally rectangular reflecting
portion 30 pivotally coupled to a stem portion 31 which connects
the reflecting portion of the front windshield. The stem portion of
the rear view mirror is extended through the extension space of the
slot such that the panel is attached to the stem portion of the rear
view mirror. The first face of the panel is preferably positioned
15 towards the reflecting portion of the rear view mirror. A first of
the end edges of the panel is positioned adjacent and preferably
overlaps the closest end of the driver's side sun visor. A second of
the end edges of the panel is positioned adjacent and also
preferably overlaps the closest end of the passenger's side sun
visor. The flaps are preferably positioned above stem portion of
20 the rear view mirror although the flaps may also be positioned
below the stem portion of the rear view mirror.

25 As to a further discussion of the manner of usage and
operation of the present invention, the same should be apparent
from the above description. Accordingly, no further discussion
relating to the manner of usage and operation will be provided.

30 With respect to the above description then, it is to be realized
that the optimum dimensional relationships for the parts of the

invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and 5 described in the specification are intended to be encompassed by the present invention.

Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous 10 modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.